INDEX

Page

A

Acute intestinal obstruction, metabolic acidosis in 111
Adenomatous polyps of the rectum 120
Aetiology of varicose veins 136
Alimentary tract, smooth muscle tumours of 218
Aneurysm, abdominal, rupture of 283
Aneurysm of hepatic artery 206
Aneurysmal bone cyst 212
ANNETTS, D. L., Infarction of the omentum masquerading as large bowel obstruction 165
Artery, popliteal, cystic degeneration of 243

B

BAKAMJIAN, V. Y. and MARSHALL, D., Plastic and reconstructive considerations in selecting incisions used for radical neck dissection 184
BASTEN, A. and OPIT, L. J., Severe sodium depletion with renal failure following common bile duct drainage 105
BENNETT, R. C. and JEPSON, R. P., Uric acid stone formation following ileostomy 153
BENNETT, R. C., joint author, see ROZENBILDS, J. G.
BERG, E., joint author, see WEBB, R.
Bizarre smooth muscle tumour of the stomach 328
Bladder sphincter in stress incontinence 223
Blood oxygen saturation and dye-dilution studies in the investigation of the aetiology of varicose veins 136
Blowout fracture of the floor of the orbit 319
Bone cyst, aneurysmal 212
Books Reviewed (Authors)
Bennett, P. B., Aetiology of compressed air intoxication and inert gas narcosis 256
Berry, F. B. (editor), Surgery in World War II: Thoracic surgery, vol. II 94
Bruce, Sir J., Walmsley, R. and Ross, J. A., Manual of surgical anatomy 93
Cannon, J. A., Current technique of aorto-iliac and femoro-popliteal endarterectomy for obliterative atherosclerosis 94
Clarke, J. M., Problem of cancer in New Zealand 173
Frederick, L. E. and Morse, D. P., Anesthesia for open heart surgery 343
Hall, M. C., Architecture of bone 344
Hercus, Sir C. and Bell, Sir G., Otago Medical School under the first three deans 344
Kobak, M. W., Studies on the abdominal incision 172
Lambert, R., Surgery of the digestive system in the rat 344
Levander, G., Induction phenomena in tissue regeneration 173
Mitchell, J. P. and Lumb, G. N., Handbook of surgical diathermy 343
Nash, T. (editor), Contributions to medicine and surgery by St. Vincent's Hospital staff, Sydney 343
Order, S. E. and Moncrief, J. A., Burn wound 172
Scott, Sir R. B. and Walker, R. M. (editors), Medical Annual, 1965 172
Shepherd, J. A., Spencer Wells 93
Simon, G., Principles of bone X-ray 256

Page

Simone, F. A. (editor), Cardiovascular surgery, 1965 343
Stallard, H. B., Eye surgery 93
Strange, F. G. St. C., The hip 256
Torrance, D. J., Chest film in massive pulmonary embolism 94
Wilkins, R. H. (compiler), Neurosurgical classics 94
Windeyer, Sir B., Forrest, A.P.M. and Forrest, A. P. M., Second symposium on methotrexate in the treatment of cancer 173

Books Reviewed (Titles)
Aetiology of compressed air intoxication and inert gas narcosis (Bennett, P. B.) 256
Anesthesia for open heart surgery (Frederick, L. E. and Morse, D. P.) 343
Architecture of bone (Hall, M. C.) 344
Burn wound (Order, S. E. and Moncrief, J. A.) 172
Cardiovascular surgery, 1965 (Simone, F. A., editor) 343
Chest film in massive pulmonary embolism (Torrance, D. J.) 94
Contributions to medicine and surgery by St. Vincent's Hospital staff, Sydney (Nash, T., editor) 343
Current technique of aorto-iliac and femoro-popliteal endarterectomy for obliterative atherosclerosis (Cannon, J. A.) 94
Eye surgery (Stallard, H. B.) 93
Handbook of surgical diathermy (Mitchell, J. P. and Lumb, G. N.) 343
Induction phenomena in tissue regeneration (Levander, G.) 173
Manual of surgical anatomy (Bruce, Sir J., Walmsley, R. and Ross, J. A.) 93
Medical Annual, 1965 (Scott, Sir R. B. and Walker, R. M., editors) 172
Neurosurgical classics (Wilkins, R. H., compiler) 94
Otago Medical School under the first three deans (Hercus, Sir C. and Bell, Sir G.) 344
Principles of bone X-ray (Simon, G.) 256
Problem of cancer in New Zealand (Clarke, J. M.) 173
Renal biopsy (Brewer, D. B.) 173
Second symposium on methotrexate in the treatment of cancer (Windeyer, Sir B., Forrest, A. P. M. and Forrest, A. P. M.) 173
Spencer Wells (Shepherd, J. A.) 93
Studies on the abdominal incision (Kobak, M. W.) 172
Surgery in World War II: Thoracic surgery, vol. II (Berry, F. B., editor) 94
Surgery of the digestive system in the rat (Lambert, R.) 344
The hip (Strange, F. G. St. C.) 256
Bowel, irradiation damage to 33
BRIDGER, P., Aneurysmal bone cyst 212
Bronchospasm and cardiac arrest 40
BROWN, M. L., Antiserum specific to human melanoma cells *in vitro* (abstract) 167
BROWNBILL, D. and SNELL, J. A., Case of malignant transformation in fibrous dysplasia 254
BRUCE, Sir John, Leadership in surgery: A Commonwealth inheritance 257
BUTTERFIELD, L. J. H. and CASEY, T. P., Bizarre smooth muscle tumour of the stomach 328

Page

C

CARDEN, A. B. G., Management of adenomatous polyps of the rectum ... 120
Carotico-cavernous fistula and glaucoma ... 288
CARSWELL, W. R., Primary and secondary repair of the posterior urethra ... 252
Case of cardiac arrest associated with bronchospasm and d-tubocurarine ... 40
Case of malignant transformation in fibrous dysplasia ... 254
Case of ruptured aneurysm of the renal artery 46
CASEY, T. P., joint author, see BUTTERFIELD, L. J. H.
Cervical cord injuries, early diagnosis of ... 17
Children, open heart surgery in ... 5
Choledochocele: an unusual type of choledochal cyst which presented as acute pancreatitis ... 124
Circulatory refilling and renal haemodynamics after surgery ... 95
CLARKE, C. P., DAVIDSON, W. L. and JOHNSTON, J. B., Haemolysis of blood following exposure to an Australian manufactured plastic tubing sterilized by means of ethylene-oxide gas ... 53
COHEN, D. H., joint author, see FISK, G. C.
Collagen degeneration ... 310
COLLINS, G. M., Effect of low molecular weight dextran on resistance to blood flow in man (abstract) ... 167
Combination extractor for different types of Smith Petersen pin ... 163
COOPER, E., MASTERTON, J. P. and DUDLEY, H. A. F., Experimental design for assessing the metabolic response of rats to injury (abstract) ... 167
Cowlishaw collection ... 76
COX, J. S. T., Study of intravascular thrombi 209
COX, K. R., Regional perfusion for peripheral melanoma ... 24
CUTHBERTSON, A. M., Surgical implications of irradiation damage to the bowel ... 33
Cyst, choledochal ... 124
Cystic degeneration of the popliteal artery ... 243

D

DAVIDSON, J. R. M., Sigmoido-rectal intussusception ... 43
DAVIDSON, W. L., joint author, see CLARKE, C. P.
Development of a technique for experimental heart-lung by-pass ... 116
Dextran, low molecular weight, renal changes following ... 69
Dextrans and mannitol, in circulatory refilling 95
Digital flexor tendon system, homografts of ... 269
DUDLEY, H. A. F., joint author, see MASTERTON, J. P.
DUKE, P. S., Carotico-cavernous fistula and glaucoma ... 288
Duodenal injuries ... 128

E

Early diagnosis of cervical cord injuries ... 17
ELMSLIE, R., Observations on the absorption and degradation of ethanol (abstract) ... 167
Emergency by-pass ... 301
EVANS, W. A. and WONG, D., Renal changes following the administration of low molecular weight dextran ... 69

Page

Experimental heart-lung by-pass ... 116
Extracorporeal circulation using a disposable bubble oxygenator for open heart surgery in children ... 5
Extractor for Smith Petersen pin ... 163

F

FAILES, D., Primary suture of the operative wounds after haemorrhoidectomy ... 63
FARNSWORTH, R. H., Dynamics of the renal lymphatic system (abstract) ... 168
Fate of skin homotransplants in the submucosa of the ileum ... 60
Feeding gastrostomy ... 298
Fibrous dysplasia, malignant transformation in 254
FISK, G. C., COHEN, D. H., GENGOS, D. C. and STEEDMAN, D. M., Extracorporeal circulation using a disposable bubble oxygenator for open heart surgery in children ... 5
Fistula, carotico-cavernous ... 288
FLANC, C., Cystic degeneration of the popliteal artery ... 243
FRY, H., Function of a nasal splint ... 74

G

Gall-bladder, torsion of ... 50
Gangrene, symbiotic ... 159
GENGOS, D. C., joint author, see FISK, G. C.
George Adlington Syme Oration ... 257
GIBSON, G. R. and STEPHENS, F. O., Experimental and clinical use of cetrimide in prevention of wound implantation with malignant cells (abstract) ... 168
GILLETT, D. J., Torsion of the gall-bladder ... 50
— — — — and HALMAGYI, D. F. J., Accuracy and validity of blood volume measurement (abstract) ... 168
GOLDSTEIN, G., Host resistance to cancer ... 238

H

Haemolysis of blood following exposure to an Australian manufactured plastic tubing sterilized by means of ethylene-oxide gas ... 53
Haemorrhoidectomy, primary suture after ... 63
HALMAGYI, D. F. J., GILLETT, D. J., LAZARUS, L. and YOUNG, J. D., Blood glucose and serum insulin in reversible and irreversible post-haemorrhagic shock (abstract) 168
HARRIS, J. D., Use of osmotic diuretics in the prevention of experimental tubular necrosis (abstract) ... 168
— — — — REES, V. E. and JEPSON, R. P., Pump technique for radial-carotid by-pass ... 200
HARRISON, G. A., Case of cardiac arrest associated with bronchospasm and d-tubocurarine 40
Hashimoto's disease ... 228
HAYWARD, J., Mitral valvotomy: closed or open? ... 275
HENNESSY, E., Spontaneous rupture of the rectum with evisceration of small intestine through the anus ... 161
Historical collections in the Library of the Royal Australasian College of Surgeons ... 76
HOBBS, A. F., Operative technique for the treatment of pilonidal sinus ... 337
HODGKINSON, R., Combination extractor for different types of Smith Petersen pin ... 163

Page

Homografts of the digital flexor tendon system 269
HORNE, T. W., Use of "varidase buccal" in varicose vein surgery 66
Host resistance to cancer 238
HUBBLE, B., joint author, see HUESTON, J. T.
HUESTON, J. T., HUBBLE, B. and RIGG, B. R., Homografts of the digital flexor tendon system 269
HUNT, P. S. and REEVE, T. S., Effect of dextran 40,000 and dextran 70,000 on experimental arterial thrombosi and renal function in sheep (abstract) 169
Hydatidosis, vertebral 175

I

I^{131} studies of the liver and portal circulation 234
Ileostomy, uric acid stones following 153
Incisions, plastic and reconstructive 184
Infarction of the omentum masquerading as large bowel obstruction 165
Injuries, duodenal 128
Intravascular thrombi 209

J

JEPSON, R. P., Follow-up of acute pancreatitis (abstract) 169
— — — — and MILLER, J. H., Hashimoto's disease 228
— — — — and MILLER, J. H., Rupture of abdominal aneurysm into inferior vena cava 283
JEPSON, R. P., joint author, see BENNETT, R. C.
— — — — joint author, see HARRIS, J. D.
JOHNSTON, J. B., Investigation of the factors which determine the behaviour of the left atrial pressure during cardioplegia on cardiopulmonary by-pass (abstract) 169
— — — — — joint author, see CLARKE, C. P.
— — — — — joint author, see WRIGHT, J. S.

K

KEMP, D. R., Teratoma of the neck in the adult 323
KING, Edgar Samuel John 1, 3
KNIGHT, P. R., PROUDMAN, W. D., HAMILTON, M. and KIRKLAND, J., Evaluation of allopurinol as an adjunct to imuran in immuno-suppression of canine renal homografts (abstract) 169

L

Leadership in surgery: a Commonwealth inheritance 257
Lesions of the thoracic aorta and the place of emergency by-pass 301
Light and electron microscopical study of collagen degeneration 310
Liver, I^{131} studies of 234
LOEWENTHAL, J., joint author, see STEWART, G. R.
LORD, R., Review of 280 tracheostomies 192
LOXTON, J. C., Bladder sphincter in stress incontinence 223

Page

LUDBROOK, J., Preliminary observations of upper limb blood flow under conditions simulating arterial hypotension (abstract) 169

Mc

McCAFFREY, J. F., Metabolic acidosis in acute intestinal obstruction 111
McDERMOTT, F. T., NAYMAN, J. and de BOER, W. G. R. M., Inhibitory effect of acute renal failure on epithelial proliferation in the oesophagus of the mouse (abstract) 170

M

Management of adenomatous polyps of the rectum 120
MARSHALL, D., joint author, see BAKAMJIAN, V. Y.
MARSHALL, V. C., ROSS, H. and YOFFA, D. E., Circulatory refilling and renal haemodynamics after surgery. II.—Effects of replacement with dextrans and mannitol 95
MASTERTON, J. P., NELSON, P. G. and DUDLEY, H. A. F., Feeding gastrostomy 298
MATHER, B. S., Observations on the effects of static and impact loading on the human femur (abstract) 170
Melanoma, regional perfusion for 24
Metabolic acidosis in acute intestinal obstruction 111
MILLAR, H., Mixed salivary tumour of the nasal septum 249
MILLER, Douglas, E. S. J. King: a personal memoir 3
MILLER, J. H., joint author, see JEPSON, R. P.
MITCHELL, R. E., Light and electron microscopical study of collagen degeneration 310
MITCHELL, R. M., Studies on the use of heterologous antisera in experimental renal transplantation (abstract) 170
Mitral valvotomy: closed or open? 275
Mixed salivary tumour of the nasal septum 249
Mycotic aneurysm of the hepatic artery 206

N

Nasal septum, mixed salivary tumour of 249
Nasal splint, function of 74
NASH, T., Mycotic aneurysm of the hepatic artery 206
Neck, teratoma of 323
NELSON, P. G. and DUDLEY, H. A. F., Structure and function of small bowel anastomoses in the dog (abstract) 170
— — — — joint author, see MASTERTON, J. P.
New experimental preparation for the study of skin transplantation 57

O

O'DONOVAN, T. G., Development of a technique for experimental heart-lung by-pass 116
Omentum, infarction of 165
One stage urethroplasty 332
Operative technique for the treatment of pilonidal sinus 337
OPIT, L. J., Decision-making techniques (abstract) 170
— — — — joint author, see BASTEN, A.
Orbit, blowout fracture of floor of 319

Page

P

PATERSON, D. C., Early diagnosis of cervical cord injuries ... 17
— — — — — Smith's fracture ... 145
PAULINE, G. J., joint author, see STEPHENS, F. O.
Pilonidal sinus ... 337
Plastic and reconstructive considerations in selecting incisions used for radical neck dissection ... 184
Primary and secondary repair of the posterior urethra ... 252
Primary suture of the operative wounds after haemorrhoidectomy ... 63
Pump technique for radial-carotid by-pass ... 200

R

Radial-carotid by-pass ... 200
Rectum, spontaneous rupture of ... 161
REES, V. E., joint author, see HARRIS, J. D.
REEVE, T. S., Effect of parathyroid and thyroid surgery on E.D.T.A. response in the rat (abstract) ... 171
Regional perfusion for peripheral melanoma ... 24
Renal artery, ruptured aneurysm of ... 46
Renal changes following the administration of low molecular weight dextran ... 69
Review of 280 tracheostomies ... 192
RIGG, B. R., joint author, see HUESTON, J. T.
ROSS, H., Fate of skin homotransplants in the submucosa of the ileum ... 60
— — — joint author, see MARSHALL, V.C.
— — — New experimental preparation for the study of skin transplantation ... 57
Royal Australasian College of Surgeons, historical collections in the library ... 76
ROZENBILDS, J. G. and BENNETT, R. C., I^{131} studies of the liver and portal circulation ... 234
Rupture of abdominal aneurysm into inferior vena cava ... 283
RUSSELL, K. F., Historical collections in the library of the Royal Australasian College of Surgeons ... 76

S

SCHRAIBMAN, I. G., Blood oxygen saturation and dye-dilution studies in the investigation of the aetiology of varicose veins ... 136
SCHWEITZER, G., Smooth muscle tumours of the alimentary tract ... 218
Severe sodium depletion with renal failure following common bile duct drainage ... 105
Sigmoido-rectal intussusception ... 43
Skin homotransplants ... 60
Skin transplantation, experimental preparation for study of ... 57
SMITH, P. H., Blowout fracture of the floor of the orbit ... 319

Page

Smith's fracture ... 145
Smooth muscle tumours of the alimentary tract 218
SNELL, J. A., joint author, see BROWNBILL, D.
Spontaneous rupture of the rectum with evisceration of small intestine through the anus ... 161
STEEDMAN, D. M., joint author, see FISK, G. C.
STEPHENS, F. O. and PAULINE, G. J., Choledochocele: an unusual type of choledochal cyst which presented as acute pancreatitis ... 124
STEWART, G. R. and LOEWENTHAL, J., Vertebral hydatidosis ... 175
Stomach, smooth muscle tumour of ... 328
Stress incontinence ... 223
Study of intravascular thrombi ... 209
Surgical implications of irradiation damage to the bowel ... 33
Surgical research society ... 167
Symbiotic gangrene due to *Pseudomonas pyocyanea* and *E. Coli* ... 159

T

Teratoma of the neck in the adult ... 323
THEVATHASAN, C. G., Duodenal injuries ... 128
THOMAS, D., Case of ruptured aneurysm of the renal artery ... 46
Torsion of the gall-bladder ... 50
Tracheostomy, review of ... 192

U

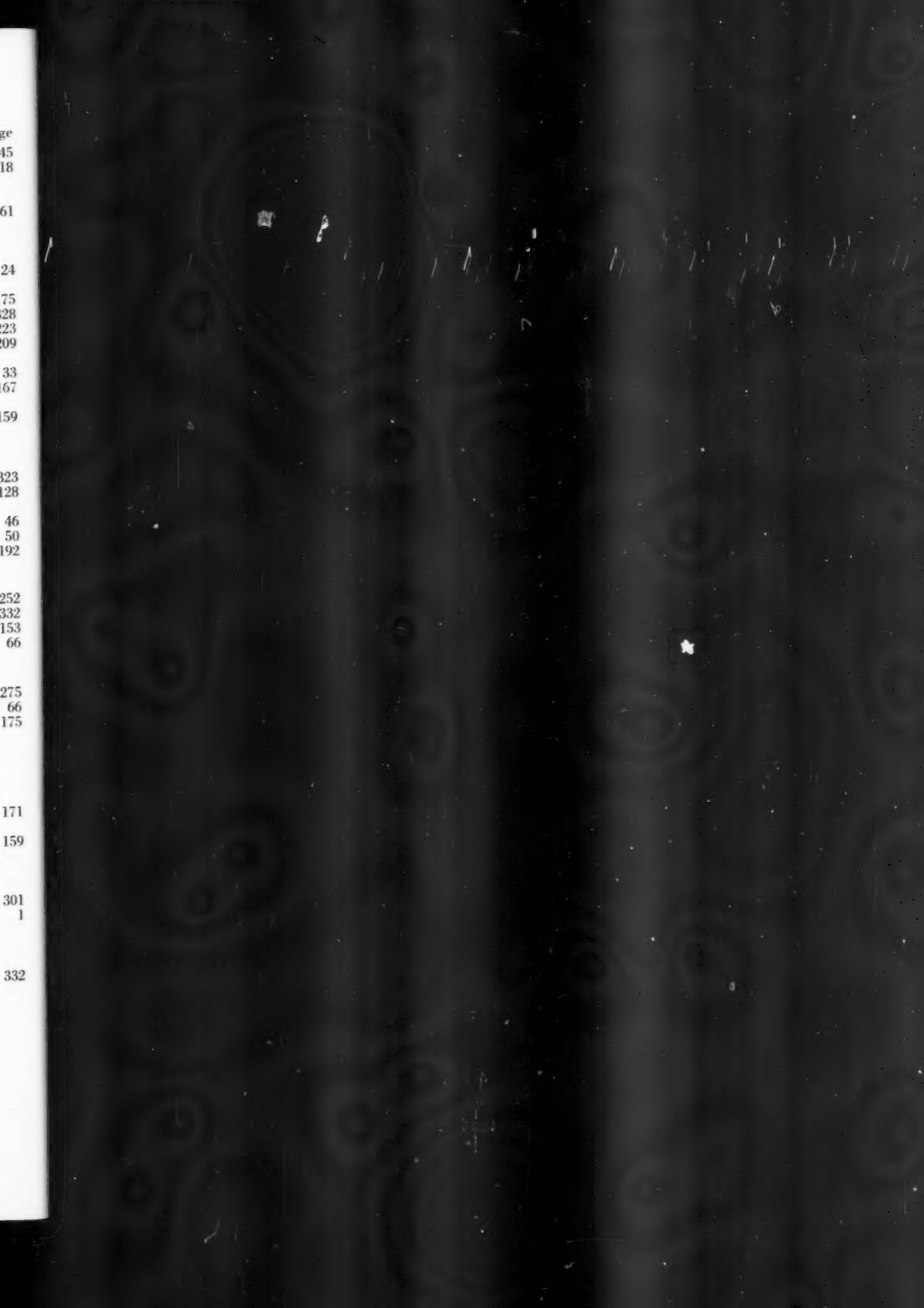
Urethra, repair of ... 252
Urethroplasty, one stage ... 332
Uric acid stone formation following ileostomy 153
Use of "varidase buccal" in varicose vein surgery 66

V

Valvotomy, mitral ... 275
Varicose vein surgery ... 66
Vertebral hydatidosis ... 175

W

WATTS, J. McK., Role of the common bile duct in the dynamics of the extra-hepatic biliary tract (abstract) ... 171
WEBB, R. and BERG, E., Symbiotic gangrene due to *Pseudomonas pyocyanea* and *E. Coli* ... 159
WONG, D., joint author, see EVANS, W. A.
WRIGHT, J. S. and JOHNSTON, J. B., Lesions of the thoracic aorta and the place of emergency by-pass ... 301
WRIGHT, R. D., Edgar Samuel John King ... 1

Y

YAXLEY, R. P., One stage urethroplasty ... 332
YOFFA, D. E., joint author, see MARSHALL, V. C.